

## NEW SITE IDENTIFICATION (NSI)

<b>Part A – NEW SITE IDENTIFICATION INFORMATION</b> <b>(To be completed by the Task Lead for New Site)</b>	
<b>1. Site Title:</b> <b>Mud Lake Landfill</b> (Use known common names, location descriptors and or processes near or associated with the suspected inactive waste site.)	<b>Site Code:</b> MISC-048 <b>NSI Evaluation Initiation Date:</b> July 2002
<b>2. Task Lead For New Site:</b> Wendell Jolley	<b>Phone:</b> 526-5990
<b>3. NSI Coordinator:</b> Nielsen Burch	<b>Phone:</b> 526-5676
<b>4. Initiator or Initial Observer:</b> Thomas Haney	<b>Phone:</b> 526-5020
<b>5. Description of Suspected New Site and Location:</b> (A location map and/or diagram identifying the site against controlled survey points or global positioning system descriptors may be included. Document all <u>existing</u> information including historical, process, screening data, analytical data, radiological surveys etc. Attach supporting documentation)	
<p>A former dumpsite is located just inside the INEEL border approximately 4 miles south-southwest of Mud Lake, Idaho. Active agricultural fields exist a few hundred feet away from the landfill outside the INEEL to the north. The landfill was visited in July 2002, at which time the field team made visual inspections, collected photographs, and completed a Global Positioning System (GPS) survey of the site's perimeter. The visual inspection showed a relatively large disturbed area with some mounded areas along with a small volume of partially buried and surface domestic and farming debris. Signs that say, "Keep out authorized personnel only!" circle the northern end of the landfill. It is assumed that additional debris is buried under the disturbed soil. Anecdotal evidence suggests that this was a farming-type landfill that was used prior to the area becoming part of the National Reactor Testing Station (NRTS) in 1949. Several photographs are attached to this form. Using the GPS points from the landfill's perimeter, the disturbed area covers approximately 2 acres. The reference code for this site is MISC-048, and its location can be found on the attached map.</p> <ol style="list-style-type: none"> <li>1. The site covers approximately 2 acres, with some partially buried materials sticking up through the soil. Some plants are growing, but most are disturbed area plants (weeds), and much of the area is bare.</li> <li>2. Exposure pathways include ingestion of produce and groundwater.</li> <li>3. Although the materials on the surface, such as parts of potato processing equipment and broken glass soda pop bottles, appear to be relatively benign farming and domestic debris, potential contaminants of concern include pesticides, herbicides, oils, etc.</li> <li>4. No interfaces with other programs are known at this time.</li> <li>5. No analytical or screening data currently exist.</li> </ol>	
<b>6. Is the site SWMU as defined in OSWER DIRECTIVE 9502.00-6?</b> <input checked="" type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b>	
<b>7. Recommendation</b>  <input type="checkbox"/> Recommend not including as a new FFA/CO site. This site DOES NOT warrant further investigation, does not meet the criteria for acceptance, and should not be included under FFA/CO Action Plan.  <input checked="" type="checkbox"/> Recommend including as new FFA/CO site. This site DOES meet the criteria for acceptance, may warrant further investigation, and should be included under FFA/CO Action Plan.  Recommended WAG and Operable Unit to which site should be assigned:  WAG:    WAG 10                                      Operable Unit:    OU 10-08  Recommended action for this site:  <input checked="" type="checkbox"/> No Action <input type="checkbox"/> No Further Action <input type="checkbox"/> Remedial Action under Existing ROD <input type="checkbox"/> Track 2 <input type="checkbox"/> RI/FS	
<b>8. Responsible Manager Signature:</b>  <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> <b>Name:</b>    Michael Hodel         </div> <div style="width: 35%; text-align: center;"> <b>Signature:</b>     </div> <div style="width: 30%; text-align: right;"> <b>Date:</b>    4-13-05         </div> </div>	

## NEW SITE IDENTIFICATION (NSI)

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MAY 24 2005

D.E.Q. STATE WASTE  
MANAGEMENT & REMEDIATION DIVISION

### Part A – NEW SITE IDENTIFICATION INFORMATION (To be completed by the Task Lead for New Site)

1. <b>Site Title:</b> <b>Mud Lake Landfill</b> (Use known common names, location descriptors and or processes near or associated with the suspected inactive waste site.)	<b>Site Code:</b> MISC-048
2. <b>Task Lead For New Site:</b> Wendell Jolley	<b>NSI Evaluation Initiation Date:</b> July 2002
3. <b>NSI Coordinator:</b> Nielsen Burch	Phone: 526-5990
4. <b>Initiator or Initial Observer:</b> Thomas Haney	Phone: 526-5676
	Phone: 526-5020

5. **Description of Suspected New Site and Location:** (A location map and/or diagram identifying the site against controlled survey points or global positioning system descriptors may be included. Document all existing information including historical, process, screening data, analytical data, radiological surveys etc. Attach supporting documentation)

A former dumpsite is located just inside the INEEL border approximately 4 miles south-southwest of Mud Lake, Idaho. Active agricultural fields exist a few hundred feet away from the landfill outside the INEEL to the north. The landfill was visited in July 2002, at which time the field team made visual inspections, collected photographs, and completed a Global Positioning System (GPS) survey of the site's perimeter. The visual inspection showed a relatively large disturbed area with some mounded areas along with a small volume of partially buried and surface domestic and farming debris. Signs that say, "Keep out authorized personnel only!" circle the northern end of the landfill. It is assumed that additional debris is buried under the disturbed soil. Anecdotal evidence suggests that this was a farming-type landfill that was used prior to the area becoming part of the National Reactor Testing Station (NRTS) in 1949. Several photographs are attached to this form. Using the GPS points from the landfill's perimeter, the disturbed area covers approximately 2 acres. The reference code for this site is MISC-048, and its location can be found on the attached map.

1. The site covers approximately 2 acres, with some partially buried materials sticking up through the soil. Some plants are growing, but most are disturbed area plants (weeds), and much of the area is bare.
2. Exposure pathways include ingestion of produce and groundwater.
3. Although the materials on the surface, such as parts of potato processing equipment and broken glass soda pop bottles, appear to be relatively benign farming and domestic debris, potential contaminants of concern include pesticides, herbicides, oils, etc.
4. No interfaces with other programs are known at this time.
5. No analytical or screening data currently exist.

6. **Is the site SWMU as defined in OSWER DIRECTIVE 9502.00-6?** ☒ Yes ☐ No

7. **Recommendation**

- ☐ Recommend not including as a new FFA/CO site. This site DOES NOT warrant further investigation, does not meet the criteria for acceptance, and should not be included under FFA/CO Action Plan.
- ☒ Recommend including as new FFA/CO site. This site DOES meet the criteria for acceptance, may warrant further investigation, and should be included under FFA/CO Action Plan.

Recommended WAG and Operable Unit to which site should be assigned:

WAG: WAG 10 Operable Unit: OU 10-08

Recommended action for this site:

☒ No Action ☐ No Further Action ☐ Remedial Action under Existing ROD ☐ Track 2 ☐ RI/FS

8. **Responsible Manager Signature:**

Name: Michael Hodel Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## NEW SITE IDENTIFICATION (NSI)

### PART B - INEEL FFA/CO RESPONSIBLE PROGRAM MANAGERS (RPM'S) CONCURRENCE

Site Title:  
Mud Lake Landfill

Site Code:  
MISC-048

DOE-ID FFA/CO RPM Concurrence: ☐ Concur with recommendation. ☐ Do not concur with the recommendation.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Explanation:

EPA FFA/CO RPM Concurrence: ☐ Concur with recommendation. ☒ Do not concur with the recommendation.

Signature: \_\_\_\_\_ Date: 5-19-05

Explanation:

In reviewing the information provided a need for further investigation may be required to ascertain whether the site is free of contaminants. Recommend that the site be classified as no further action to insure institutional controls are in place. Perhaps data collection would be appropriate under the 10-8 RIFs to reduce uncertainty & allow for reclassification at a later time.

State of Idaho

FFA/CO RPM Concurrence: ☐ Concur with recommendation. ☒ Do not concur with the recommendation.

Signature: Margie English \_\_\_\_\_ Date: 5-26-05

Explanation:

Site MISC-48 should be added to the FFA/CO in OU 10-08. On the basis of the uncertainty regarding the landfill contents, the observed sparse and/or non-existent vegetation, and lack of information regarding the existing warning signs, we recommend "No Further Action" for MISC-48 to ensure institutional controls that limit exposure to landfill contents are in place. If, in the future, removal of the institutional controls is desired, site investigation will be necessary to address and reduce the above-stated uncertainties and better assess site risks.

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### PART B – INEEL FFA/CO RESPONSIBLE PROGRAM MANAGERS (RPM'S) CONCURRENCE

Site Title:  
Mud Lake Landfill

Site Code:  
MISC-048

DOE-ID FFA/CO RPM Concurrence: ☒ Concur with recommendation. ☐ Do not concur with the recommendation.

Signature: Kathleen E. Hain Date: 5/24/05

Explanation: Site MISC-048 should be added to the FFA/CO in DDID-08  
No Action is recommended for this agricultural landfill. It should  
be managed in the same manner as other agricultural landfills  
located east of the INEL property line.

EPA FFA/CO RPM Concurrence: ☐ Concur with recommendation. ☐ Do not concur with the recommendation.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Explanation: \_\_\_\_\_

State of Idaho

FFA/CO RPM Concurrence: ☐ Concur with recommendation. ☐ Do not concur with the recommendation.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Explanation: \_\_\_\_\_

## NEW SITE IDENTIFICATION (NSI)





435.36  
00/00/2005  
Rev. 06

## NEW SITE IDENTIFICATION (NSI)





435.36  
00/00/2005  
Rev. 06

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